Domannee zaganne N2 no kypcy Pynkynonanouce rporpannupobanne rpynna M23-524 PHO Neonob B.B.

Mockba, 2023

Bagame & Penne ypabnemne (naugume g): a g=(MN) g, rge g & FV(MN). b. $g = (Ax. \times M)g$, $ge g \notin FV(M)$. c. g = Aa. aMg, $ge g \notin FV(M)$. d. g = Aa. Ay. ay(ga). Umbern a g = Y (MN)

 $6. g = V(\lambda \times \times M).$

c. g = (AGX. XMG) g => g = Y (AGX. XMG). 9 = () f. () a' f(a' a)) () a'. f(a' a')) (G a. a MG) -> -> (1 a). (1 Ga. aMG) (2) a)) (1 a). (1 Ga. aMG) (6"a"))

d. g = day. ay (ga) -> (d Gay. ay (Ga)) g => => g = Y (& Gay. ay (Ga))

Bagame 2. Bygens nommamo zamuco as: az: a n: Nil Kar concer [as, az, ..., an]. 3 gecs Nil-nyemoù concer. Tyons gans enpegenenne beckarennos comoko f=1:f. Datime ne rexypoublise onnegeneure chucka l.

anben

7 = 7 : 1 1 = (A F. s. F) 1 => 1 = Y () F. s. F). Baganne 3. Tregnonaras namme b egoixe: rucer, I-atemparyuñ, yeubbusa bospanienni u normeckua juarenni, onepassuñ vag menanu, on regenure grynkyuro tib n, komopas bonnenem n-oe rucuo Pussonaru. Darine ve perypenbuse onpegeneme geneme gine grynkyuru tib.

Ombern

fib = \lambda n. if n == 0 0 else (if n == 1 1 else fib (n-1) + fib (n-2))

Bagame 4. Monozyreet nougremour na npegorgylyens mare onpegenennem, bonnamme fib 4.

Ombern

fib u = M (4 M)= if u==00 else(if u==11 else (9MX3)-(9M)(2))=

= M(ym)(3) + M(ym)(2) = (ym)2 + (ym)2 + mym)(2) =

= (m) 2+ (yu) 1+ (yu) 5+ (yu) 0 =

= (m) 1 + (9 m) 0 + (9 m) 1 + (9 m) 0 =

= 4 + 0 + 4 + 4 + 0 = 3.